



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yasuno et al.
Serial No. : 10/529,713
Filed : March 29, 2005
Title : OLIGONUCLEOTIDES FOR GENOTYPING THYMIDYLATE SYNTHASE GENE

Art Unit : Unknown
Examiner : Unknown

MAIL STOP AMENDMENT

Commissioner for Patents
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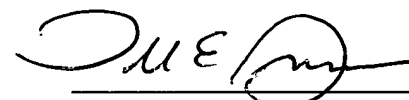
INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached Form PTO-1449. Copies of references AB – AD, AI, AK, and AO - AQ, are not provided as they were cited in the International Search Report, and thus should have been provided directly by the WIPO under the exchange program between the USPTO, the EPO and the JPO. A copy of the International Search Report can be provided upon request.

This statement is being filed before the receipt of a first Office Action on the merits. No fee is believed to be necessary. Apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 18201-003US1.

Respectfully submitted,

Date: 11/22/05


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|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 18201-003US1 | Application No. 10/529,713 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Yasuno et al. | |
| | | Filing Date March 29, 2005 | Group Art Unit |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|-------------------------------------------------------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| | AB | WO 01/36686 A2 | 05/25/2001 | WO | | | | |
| | AC | WO 00/23112 A1 | 04/27/2000 | WO | | | | |
| | AD | EP 1207210 A1 | 05/22/2002 | EP | | | | |
| | AE | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
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| Examiner Initial | Desig. ID | Document |
| | AF | Danenberg, "Thymidylate Synthetase - A Target in Cancer Chemotherapy" <i>Biochimica et Biophysica Acta</i> . Vol. 473:73-92 (1977) |
| | AG | Etienne et al., "Prognostic Value of Tumoral Thymidylate Synthase and p53 in Metastatic Colorectal Cancer Patients Receiving Fluorouracil-Based Chemotherapy: Phenotypic and Genotypic Analyses" <i>Journal of Clinical Oncology</i> Vol. 20:2832-2843 (2002) |
| | AH | Heidelberger, et al., "Fluorinated Pyrimidines, A New Class of Tumour-Inhibitory Compounds" <i>Nature</i> Vol. 179:663-666 (1957) |
| | AI | Horie et al., "Functional analysis and DNA polymorphism of the tandemly repeated sequences in the 5'-terminal regulatory region of the human gene for thymidylate synthase." <i>Cell Struct Funct.</i> Vol. 20:191-197 (1995) |
| | AJ | Horie et al., "Characterization of regulatory sequences and nuclear factors that function in cooperation with the promoter of the human thymidylate synthase gene" <i>Biochimica et Biophysica Acta</i> . Vol. 1216:409-416 (1993) |
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| | AM | Krajcinovic et al., "Polymorphism of the thymidylate synthase gene and outcome of acute lymphoblastic leukaemia" <i>The Lancet</i> Vol. 359:1033-1034 (2002) |
| | AN | Luo et al., "Length polymorphism of thymidylate synthase regulatory region in Chinese populations and evolution of the novel alleles." <i>Biochemical Genetics</i> Vol. 40:41-51 (2002) |
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| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

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| Examiner Initial | Desig. ID | Document |
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| | AR | Park et al., "Thymidylate synthase gene polymorphism predicts response to capecitabine in advanced colorectal cancer" <i>Int J Colorectal Dis</i> Vol.17:46-49 (2002) |
| | AS | Peters et al., "Induction of thymidylate synthase as a 5-fluorouracil resistance mechanism" <i>Biochimica et Biophysica Acta</i> Vol. 1587:194-205 (2002) |
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| | AU | Ulrich et al., "Thymidylate Synthase Promoter Polymorphism, Interaction with Folate Intake, and Risk of Colorectal Adenomas" <i>Cancer Research</i> Vol. 62:3361-3664 (2002) |
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| | AW | GenBank Accession No. AF279906, "Homo sapiens thymidylate synthase (TSER) gene, TSER-3 allele, partial sequence." (2000) |

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| Examiner Signature | Date Considered |
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